LITEON
www.liteonit.com

External 20x Super AllWrite Drive

Features

DX-20A4P

- ★ **External Super AllWrite drive, supports DVD+R / DVD+RW / DVD-R / DVD-RW / DVD+R9/ DVD-R9/ DVD-RAM/DV / CD-R/ CD-RW / CD-ROM format**
- ★ **Support Double Layer DVD+/- R9 Recording Function**
- ★ **Portable design, using USB2.0 connection to ensure the best performance**
- ★ **Plug & Play, and emergency manual eject function is embeded**
- ★ **SMART-X(*1) function adjusts CD-DA / VCD / DVD data extraction to a fastest allowable speed according to both data request rate from host and disk quality**
- ★ **ABS system reduce vibration and noise during recording and reading**
- ★ **Support Fixed Packet, Variable Packet, TAO, SAO, DAO, Random Access time, Incremental, sequential recordi restricted overwrite, Layer Jump recording, Raw Mode Burning & Over-Burn**
- ★ **DVD read compliant: DVD single/dual layer (PTP/OTP), DVD-R(3.9GB/4.7GB), DVD-R multi-borders, DVD-RAM DVD-R DL, DVD+R/DVD+R DL single /multi-sessions, DVD-RW, and DVD+RW**
- ★ **CD read compliant: CD-DA, CD-ROM, CD-ROM/XA, Photo-CD, Multi-session, Karaoke-CD, Video-CD, CD-I FMV, CD Extra, CD Plus, CD-R, and CD-RW**
- ★ **Support both 8cm and 12cm disc of CD and DVD family**
- ★ **Conform to Orange Book: Part 2 CD-R Volume 1, Part 2 CD-R Volume 2 Multi Speed, Part 3 CD-RW Volume 1 (known as Low Speed), Part 3 CD-RW Volume2: High Speed, Part 3 CD-RW Volume 3: Ultra Speed**

Specifications

◎ **DVD Family :**

Write	
DVD+R	20X maximum by CAV
DVD-R	20X maximum by CAV
DVD+R9	8X maximum by Zone CLV
DVD-R9	8X maximum by Zone CLV
DVD-RAM	12X maximum by PCAV
ReWrite	
DVD+RW	8X by Zone CLV
DVD-RW	6X by CLV
Read	16X maximum by CAV
Access time	1/3 Stroke :130ms
	Full Stroke :200ms
	Random Access :130ms

◎ **CD Family :**

Write	
CD-R	48X by CAV
ReWrite	
CD-RW	24Xmaximum by Zone-CLV in UltraSpeed disc
CD-RW plus	32Xmaximum by Zone-CLV in UltraSpeed disc
Read	48X maximum by CAV
Access time	1/3 Stroke :130ms
	Full Stroke :200ms
	Random Access :130ms

(Maximum transfer rate is limited by PC system or interface speed)

◎ **Data Buffer:** 2MB(Max)

◎ **PC Required :** Pentium 4 1.3GHz or higherr CPU and 128MB or higher RAM are required

HDD must have access time < 20 ms; with a minimum of 650MB free space

9GB free space for creating a DVD image file (9GB for double layer; 5GB for single layer)

20X maximum DVD writing can only be achieved with specific PC configurations and specific 16X media.

◎ **Compatibility :** MS-Windows 2000 SP4 / XP / 2003 / Vista

◎ **MTBF(Life) :** 70000 POH

◎ **Environment :**

Operating	5℃ to 35℃; Relative Humidity: 15% to 80%
Non-Operating	-40℃ to 65℃; Relative Humidity: 15% to 95%

◎ **Dimension :** 168 (W) x 57.5 (H) x 197.71 (D) mm

◎ **Weight :** 1.1Kg (typical)

***1 SMART-X : S**mart **M**onitoring & **A**djusting **R**ead-speed **T**echnology for e**X**traction.

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